

Form MR-SMO  
(Revised 6/96)

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MOAB FIELD OFFICE

1997 MAR 20 AM 8:45

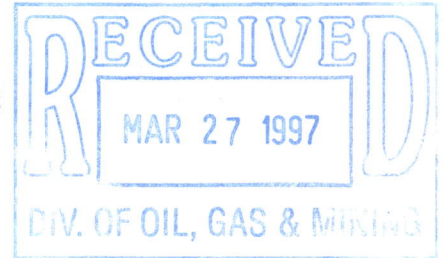
DEPT OF THE INTERIOR  
BUREAU OF LAND MGMT

This Section for DOGM Use:

Assigned DOGM File No.: S 10191040

DOGM Lead: \_\_\_\_\_

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING  
1594 West North Temple Suite 1210  
PO Box 145801  
Salt Lake City, Utah 84114-5801  
(801) 538-5291  
Fax: (801) 359-3940



### NOTICE OF INTENTION TO COMMENCE SMALL MINING OPERATIONS

The informational requirements of this form are based on provisions of the Mined Land Reclamation Act, Title 40-8, Utah Code Annotated 1987, and the General Rules as promulgated under the Utah Minerals Regulatory Program.

"Small Mining Operations" means mining operations which disturb five or less surface acres at any given time.

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#### I. GENERAL INFORMATION (Rule R647-3-104)

1. Name of Mine: BUNNELL 22 ~~BLAINE~~

2. Name of Operator/Applicant: S.A. LANDRY dba R+S Enterprises  
Company ( ) Corporation ( ) Partnership ( ) Individual ( )

3. Permanent Address: 12602 FM1484  
City: CONROE State: TX Zip Code: 77303  
Telephone Number: (409) 756-6160 - (409) 445-2614 - Home -  
BUSINESS RITCHER 801-254-2000

4. Ownership of Land Surface:

BLAINE  
THOMAS  
259-9511

Private (Fee) ☐ Public Domain (BLM) ☒ National Forest (USFS) ☐  
State Trust Land/School Sections ☐ State Sovereign Lands ☐  
Other (please describe): \_\_\_\_\_

Name _____	Address _____
Name _____	Address _____
Name _____	Address _____
Name _____	Address _____

u+u-72526

5. Ownership of Minerals:

Private (Fee) ☐ Public Domain (BLM) ☒ National Forest (USFS) ☐  
 State Trust Land/School Sections ☐ State Sovereign Lands ☐  
 Other (please describe): \_\_\_\_\_

Name \_\_\_\_\_ Address \_\_\_\_\_  
 Name \_\_\_\_\_ Address \_\_\_\_\_  
 Name \_\_\_\_\_ Address \_\_\_\_\_  
 Name \_\_\_\_\_ Address \_\_\_\_\_

Utah Mining Claim Number(s): 438582, 438581

Utah State Lease Number(s): \_\_\_\_\_

Name of Lessee(s) \_\_\_\_\_

## 6. Have the above surface and mineral owners been notified in writing?

Yes X No \_\_\_\_\_

If no, why not? \_\_\_\_\_

*Please be advised that if State Trust Lands are involved, notification to the Division of Oil, Gas and Mining alone does not satisfy the notification requirements of Mineral Leases upon State Trust Lands. Exploration or mining activity on State Trust Lands requires a minimum of 60 days notice to the Trust Lands Administration prior to commencing any activities. Please contact the School Institutional Trust Lands Administration (SITLA) at (801) 538-5508 for notification requirements.*

7. Does the operator have legal right to enter and conduct mining operations on the land covered by this notice? Yes X No \_\_\_\_\_II. PROJECT LOCATION & MAP (Rule R647-3-105)

## 1. Project Location (legal description):

County(jes): GRAND COUNTY,  
NW 1/4 OF SECTION 25, TOWNSHIP 20, RANGE 21E, SALT  
LAKE BASE & MERIDIAN

W 1/2 NW 1/4, of NW 1/4, of NW 1/4: Section: 25 Township: 20S Range: 21E  
E 1/2 NE 1/4, of NE 1/4, of NE 1/4: Section: 26 Township: 20S Range: 21E  
 \_\_\_\_\_ 1/4, of \_\_\_\_\_ 1/4, of \_\_\_\_\_ 1/4: Section: \_\_\_\_\_ Township: \_\_\_\_\_ Range: \_\_\_\_\_

## 2. A topographic base map showing the location of the proposed small mining operation must be submitted with this notice. A USGS 7.5 minute series map is preferred. The areas to be disturbed should be plotted in sufficient detail so that they can be located on the ground. It is recommended that the operator also plot and label any pre-existing disturbances in the immediate vicinity that he is not responsible for.

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**III. OPERATION PLAN (Rule R647-3-106)**

1. Type of mining: Surface ☒ Underground ☐
  2. Mineral(s) to be mined: PRECIOUS METALS
  3. Provide a brief description of the proposed mining operation and onsite processing facilities. THERE WILL BE NO ONSITE PROCESSING FACILITIES. TOP SOIL WILL BE REMOVED + STOCKPILED UNTIL MANCO'S SHALE IS REACHED. SHALE WILL BE LOADED ON DUMP TRUCKS + HAULED TO PRIVATE PROPERTY FOR PROCESSING. THIS SITE IS ON HWY 128 BETWEEN MILE MARKER 34 + 35 - EAST SIDE. WILL USE FRONT END LOADER TO DIG SHALE.
    - ☐ New Road(s): Length \_\_\_\_\_ (ft) Width \_\_\_\_\_ (ft)
    - ☐ Improved Road(s): Length \_\_\_\_\_ (ft) Width \_\_\_\_\_ (ft)
- Total project surface acreage to be disturbed: 4 (acres)
- Proposed startup date of project (month, year) APRIL 1997
- Proposed completion date of project, if known (month, year) UNKNOWN

**IV. OPERATION AND RECLAMATION PRACTICES (Rule R647-3-107, 108 & 109)**

The reclamation and operation obligation is to keep the area clean and safe, minimize hazards to public safety, return the land to a useful condition, and reestablish at least 70 percent of the premining vegetative ground cover. To accomplish this, the operator will need to perform reclamation concurrently, or at the completion (within one (1) year) of mining:

1. Keep the mining operation in a safe, clean, and environmentally stable condition.
2. Permanently seal all shafts and tunnels to prevent unauthorized or accidental entry.
3. Plug drill holes with a five foot cement surface plug. Holes that encounter fluids are to be plugged in the subsurface to prevent aquifer contamination.
4. Construct berms, fences, or barriers, when needed, above highwalls and excavations.
5. Remove, isolate, or neutralize all toxic materials in a manner compatible with federal and state regulations.
6. Remove all waste or debris from stream channels.
7. Dispose of any trash, scrap metal, wood, machinery, and buildings.
8. Conduct mining activities so as to minimize erosion and control sediment.

9. Reclaim all roads that are not part of a permanent transportation system.
10. Stockpile topsoil and suitable overburden prior to mining.
11. Stabilize highwalls by backfilling or rounding to 45 degrees or less, where feasible; reshape the land to near its original contour, and redistribute the topsoil and suitable overburden.
12. Properly prepare seedbed to a depth of six inches by ripping, discing, or harrowing.
13. Reseed disturbed areas with adaptable species. (The Division recommends seeding 20 lbs./acre of native and introduced species of grass, forb, and browse seed, and will provide a specific species list if requested.)
14. Plant the seed with a rangeland or farm drill, or if broadcast seeded, harrow or rake the seed 1/4-1/2 inch into the soil - fall is the preferred time to seed.

V. VARIANCE REQUEST (Rule R647-3-110)

Yes ☐ No ☐

Any planned deviations from Rules R647-3-107, Operation Practices, R647-3-108, Hole Plugging Requirements, or R647-3-109, Reclamation Practices, as summarized above, should be identified below and justification given for the variance request(s).

<u>Item Number</u>	<u>Variance Request Justification</u>
_____	_____
_____	_____
_____	_____
_____	_____

VI. SIGNATURE REQUIREMENT

I hereby commit to conduct mining operations and to reclaim the aforementioned small mine as required by the Utah Mined Land Reclamation Act (40-8) and the rules as specified by the Board of Oil, Gas and Mining.

Signature of Operator/Applicant:

Name (typed or printed):

Title/Position (if applicable):

Date:

S.A. Landry  
S.A. LANDRY  
OWNER  
 \_\_\_\_\_

S.A. LANDRY  
R+S ENTERPRISES  
OPERATOR

BLAINE THOMAS - MANAGER

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ILP OPERATION PLAN - CONTINUED

3-

TOP SOIL WILL BE REMOVED + STOCK PILED ON NE 1 ACRE SITE OF THE 4 ACRES. WE WILL START EXCAVATING MAMMOS SHALE FROM THE NW 1 ACRE SITE OF THE 4 ACRES. WE WILL EXCAVATE THIS SHALE TO A DEPTH OF APPROX. 20 FEET. A FRONT END LOADER WILL BE USED FOR EXCAVATION + SHALE LOADED IN A DUMP TRUCK AND HAULLED TO PRIVATE PROPERTY FOR PROCESSING. WE WILL BE ON MINE SITE APPROXIMATELY 2 DAYS A WEEK, RAINY DAYS EXCEPTED. WE WILL HAVE A CAT FRONT END LOADER ON SITE AND A PORT-A-POTTY FOR SANITARY PURPOSES.

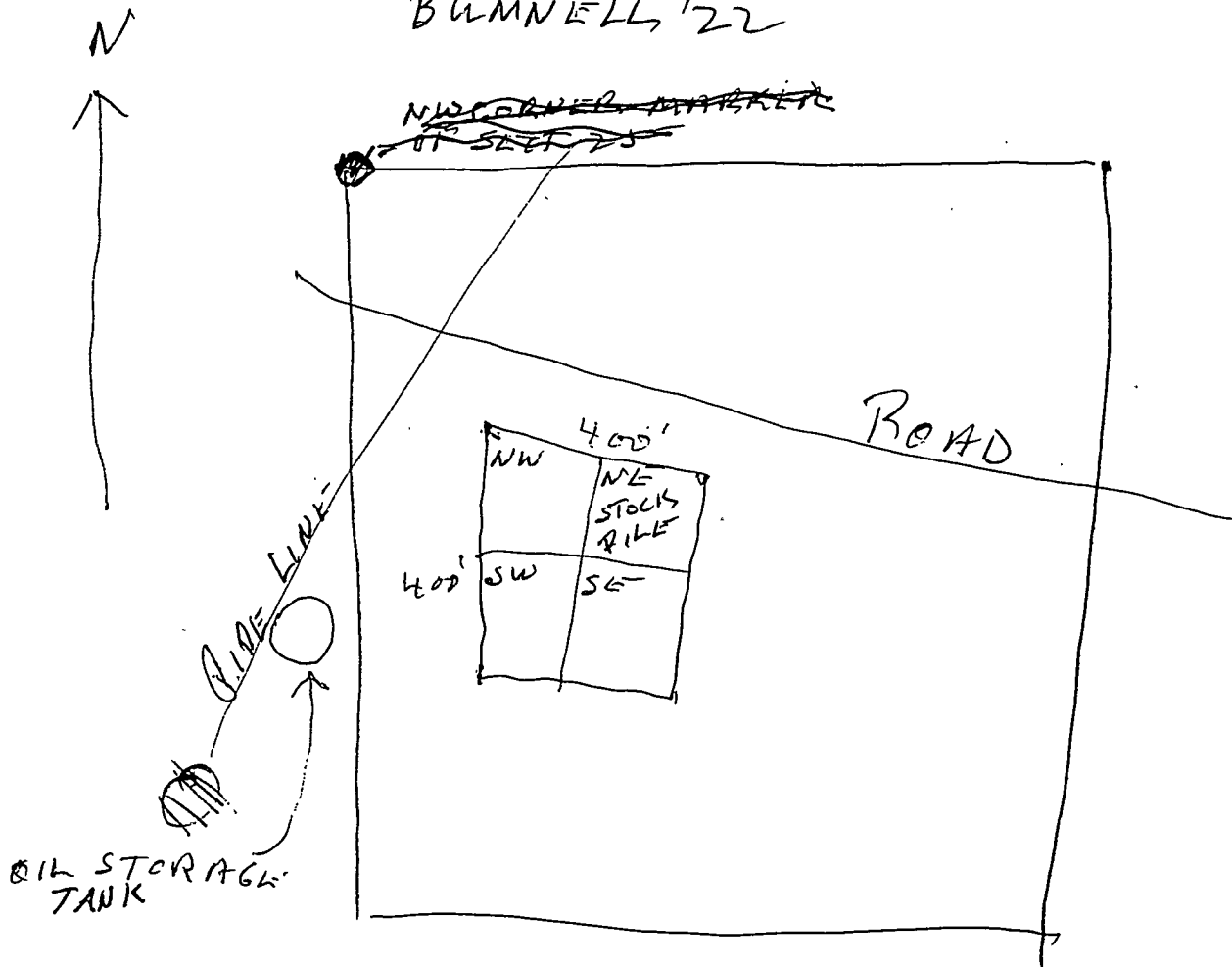
WHEN NW 1 ACRE IS COMPLETE, WE WILL TRUCK THE PROCESSED SHALE BACK TO MINE-COURT WITH TOP SOIL AND MOVE TO NE 1 ACRE SITE TO START EXCAVATION. TOP SOIL WILL BE STOCK PILED ON NW 1 ACRE SITE. WE WILL CONTINUE THIS ROTATION UNTIL THE 4 ACRES HAS BEEN COMPLETELY MINED.

WHEN MINING IS COMPLETED, LAND WILL BE RESHARED TO NEAR ITS ORIGINAL CONTOUR AND RESEED TO CONFORM TO SURROUNDING GRASS SPECIES.

UT-72526

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S.A. LANDRY MOAB FIELD OFFICE  
R&S ENTERPRISES 1997 MAR 20 AM 8:46  
OPERATOR.  
BLAINE THOMAS DEPT OF THE INTERIOR  
MANAGER BUREAU OF LAND MGMT

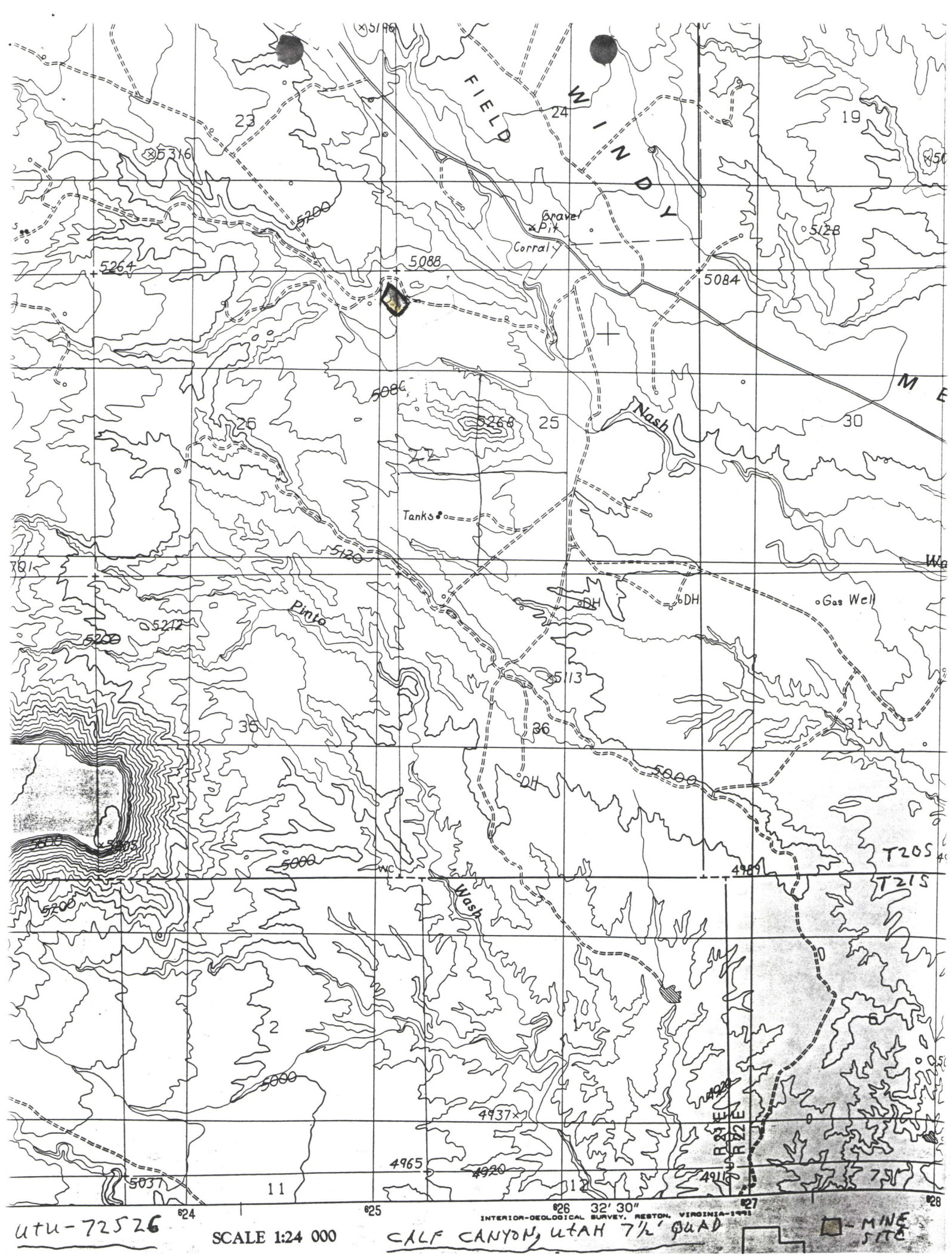
BUNNELL 21,  
BUNNELL 22



4 ACRE MINE SITE  
400ft x 400ft

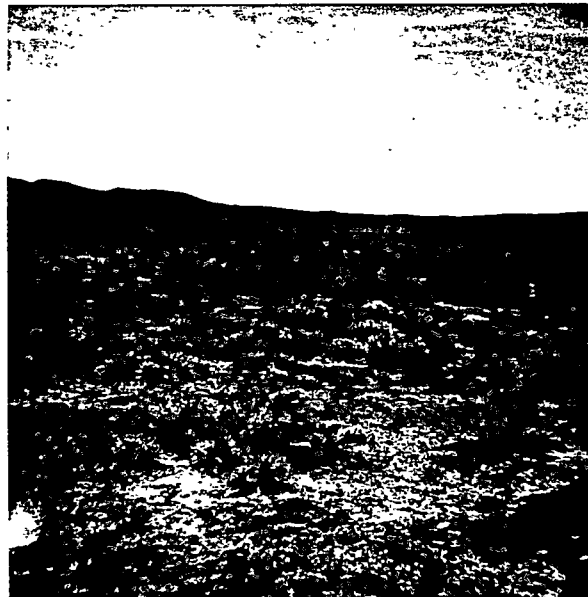
THIS LOCATION HAS BEEN FLAGGED



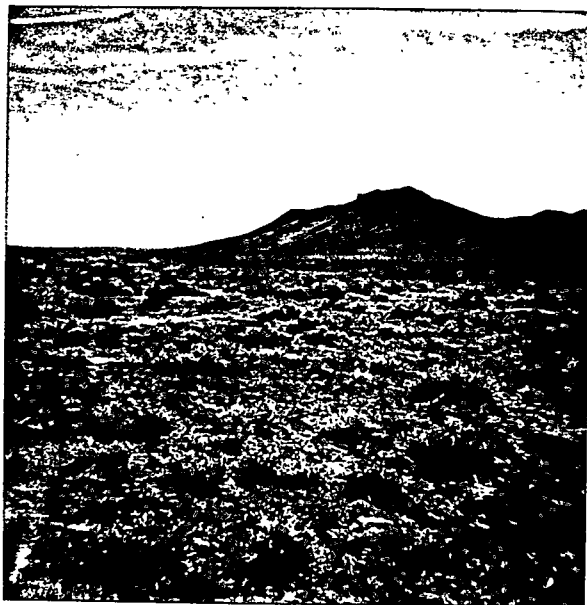




UTU-72526. Photo #1: southerly view along west boundary of proposed mine site. NW corner of site (flagged stake) is located in the E1/2 NE1/4 NE1/4 of Section 26, T20S, R21E (SLM), about 70' off dirt road. Photo taken 3/20/1997.



UTU-72526. Photo #2, taken on 3/20/1997; photo is view counterclockwise from Photo #1.

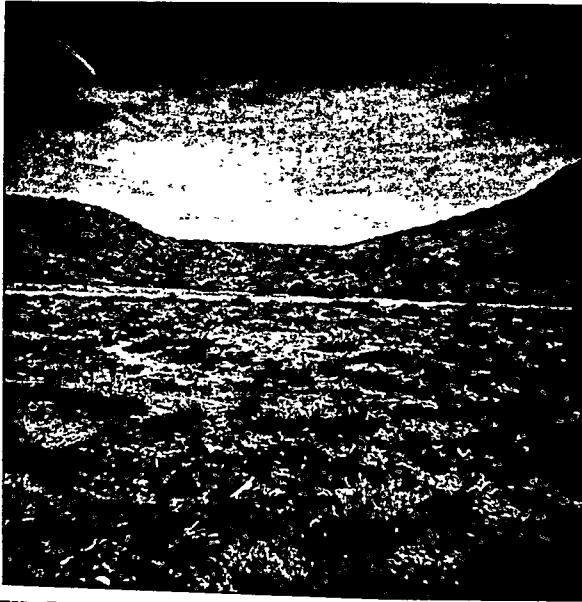


UTU-72526. Photo #3, taken 3/20/1997; photo is view counterclockwise from Photo #2, showing north boundary area of proposed mine site.



UTU-72526. Photo #4, taken 3/20/1997; photo is view counterclockwise from Photo #3.





UTU-72526. Photo #5, taken 3/20/1997; photo is view counterclockwise from Photo #4. Existing dirt road shown in center of photo.

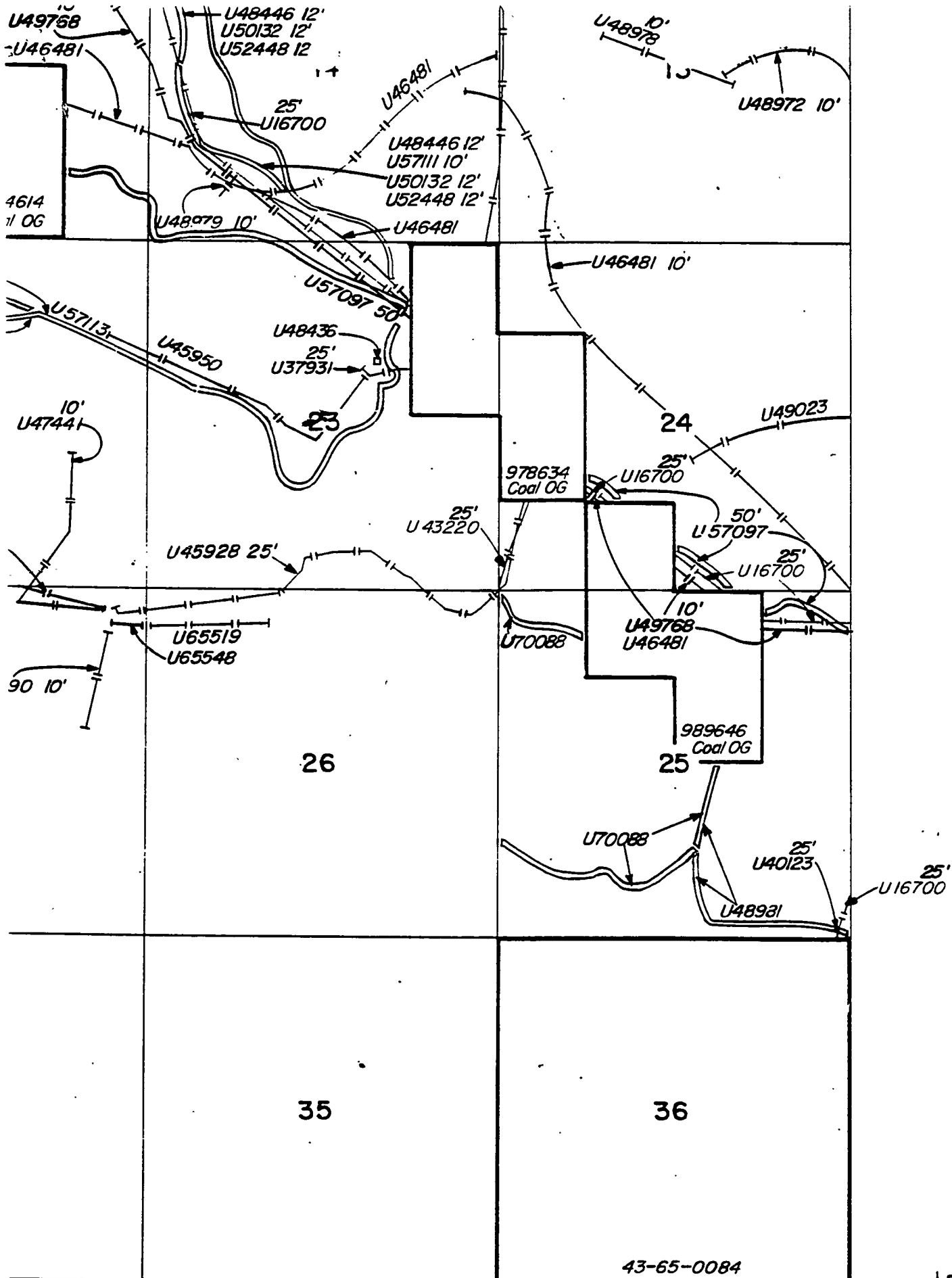


UTU-72526. Photo #6, taken 3/20/1997; photo is view counterclockwise from Photo #5, showing no land disturbance except the existing dirt road.



UTU-72526. Photo #7, taken 3/20/1997; view is towards the SW from the existing dirt road. Vehicle in same position as in Photo #6. Oil storage tank, well facilities shown in left background.

MTP for T20S, R21E (SLM), Grand County, Utah



Known Recoverable Coal Resource Area

Sec 5: Lot 4,  $\frac{1}{2}$  NW $\frac{1}{4}$ , SW $\frac{1}{4}$

Sec 6-7: All

Sec 8: SW $\frac{1}{4}$  NE $\frac{1}{4}$ , NW $\frac{1}{4}$  N $\frac{1}{2}$  SW $\frac{1}{4}$ , SW $\frac{1}{4}$  SW $\frac{1}{4}$ , NW $\frac{1}{4}$  SE $\frac{1}{4}$

Sec 17: W $\frac{1}{2}$ , SE $\frac{1}{4}$

Sec 18, 19: All

Sec 28: NW $\frac{1}{4}$  NE $\frac{1}{4}$ , S $\frac{1}{2}$  NE $\frac{1}{4}$ , NW $\frac{1}{4}$ , W $\frac{1}{2}$  SW $\frac{1}{4}$ , N $\frac{1}{2}$  SE $\frac{1}{4}$

Sec 29, 30: All

Sec 31: Lots 1-4, NW $\frac{1}{4}$  NE $\frac{1}{4}$ , S $\frac{1}{2}$  NE $\frac{1}{4}$ , E $\frac{1}{2}$  NW $\frac{1}{4}$ , S

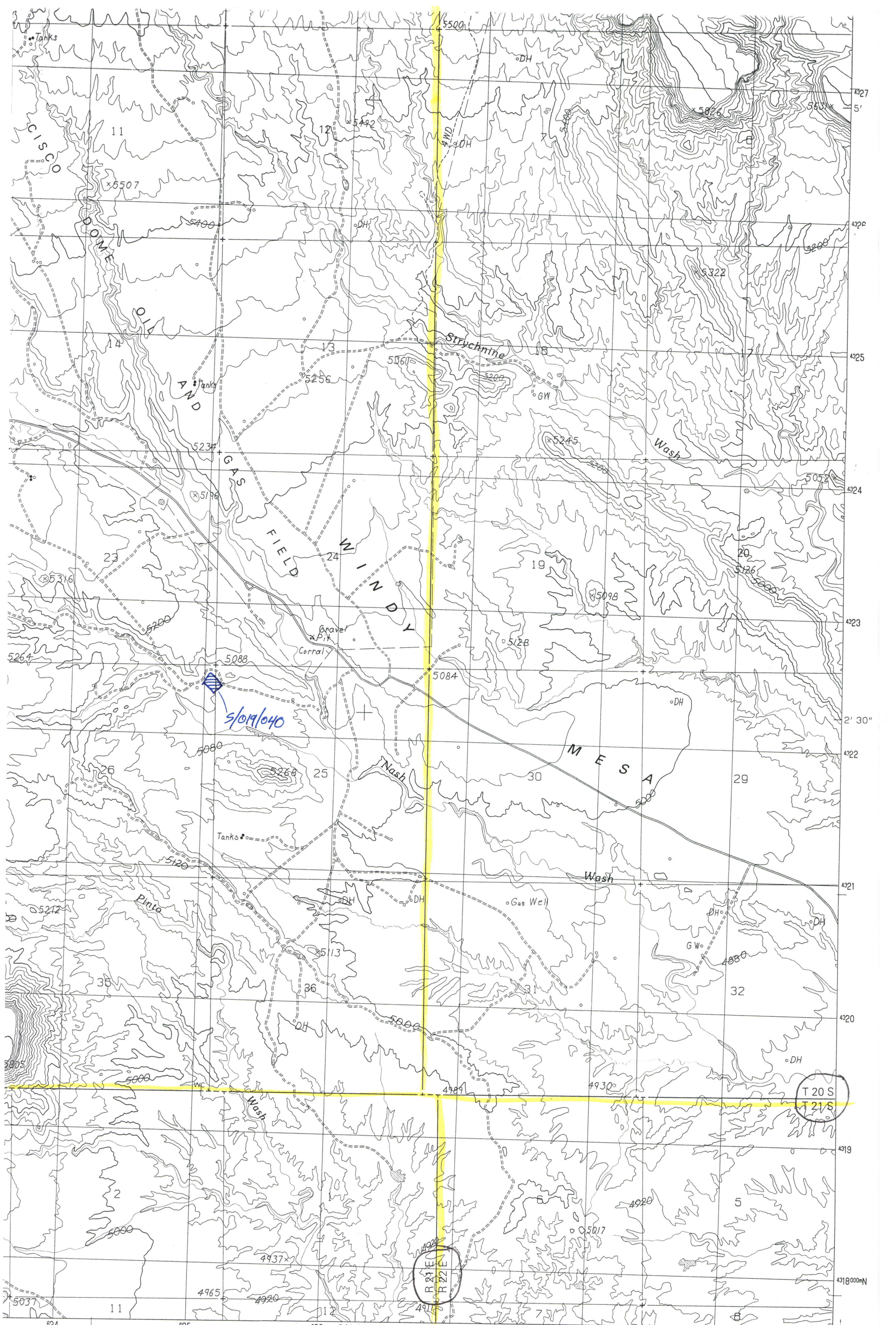
Sec 32: W $\frac{1}{2}$  NE $\frac{1}{4}$ , NE $\frac{1}{4}$  NW $\frac{1}{4}$

Sec 33: NW $\frac{1}{4}$  NW $\frac{1}{4}$

Lat 39° 02' N  
Long 109° 33' W

43-65-0084





SCALE 1:24 000

UTU-72526  
S/019/040

S.A. LAUDRY  
R&S ENTERPRISES

CALF CANYON QUAD

INTERIOR-GEOLOGICAL SURVEY, RESTON, VIRGINIA-1991

109° 30' 00"